

WHAT IS CLAIMED IS:

1. A fuel pump assembly mounted in a fuel tank for sending fuel to fuel injector, comprising:

a driving means for supplying a driving force for sending or returning fuel;

5 a reservoir for temporarily reserving fuel from the fuel tank through a check valve mounted on a bottom portion thereof;

a first fuel suction device for drawing fuel reserved in the reservoir;

a return pipe for returning fuel from the fuel injector to the reservoir;

a second fuel suction device for drawing fuel stored in the fuel tank; and

10 a Z-nozzle portion of which an outlet is connected to a bottom portion of the reservoir,

wherein the second fuel suction device and a return pipe are connected to an inlet of the Z-nozzle portion.

15 2. The fuel pump assembly of claim 1, wherein the second fuel suction device horizontally extends with respect to the fuel tank.

3. The fuel pump assembly of claim 2, wherein the return pipe functions as an orifice such that the fuel in the fuel tank is drawn into the reservoir through the
20 second fuel suction device.

4. The fuel pump assembly of claim 3, wherein one end of the return pipe, which is connected to the Z-nozzle portion, is bent to the direction of the reservoir.

25 5. The fuel pump assembly of claim 3, wherein a first detent is formed on the bottom portion of the reservoir and a hook is formed on the Z-nozzle portion such that the Z-nozzle portion is fixed to the reservoir by a connection between the first detent and the hook.

6. The fuel pump assembly of claim 5, wherein a hole is formed on the second fuel suction device and a second detent is formed on the Z-nozzle portion such that the second fuel suction device is fixed to the Z-nozzle portion by connection between the second detent and the hole.

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7. The fuel pump assembly of claim 6, wherein the connection between the second fuel suction device and the Z-nozzle portion is sealed with thermal fusion.